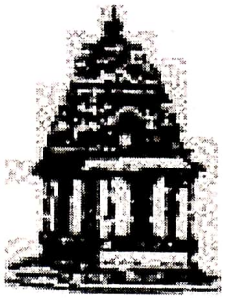

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

BYATARAYANAPURA DIVISION

BYATARAYANAPURA SUB DIVISOIN

Drilling of Borewell and Providing Pump and Motor in ward No. 06, Kogilu Surrounding area

EMB
Pre- Measurement

Work Code: 006-23-000012

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BRUHAT BANGALORE MAHANAGARA PALIKE

PRE- MEASUREMENT SHEET

	Name of work:	Drilling of Borewell and Providing Pump and Motor in ward No. 06, Kogilu Surrounding area					
	Estimated Cost :	Rs. 60.00 Lakhs					
	Head of Account :	P3726					
	Work Code	006-23-000012					
	Name of Agency:	Sri. H N Madhuraj					
	Work order No:	BBMP/EE/BTP/WO/209/2022-23, Date: 28.03.2023					
Sl No	**Description of work**	**Mesurement**				**Unit**	**Qty**
		No.	**L**	**B**	**D**		
2	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern upto 20 m. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimumworking of compressor for one hour (Excluding cost of casing pipes,collars, cap etc., complete)						
A	Shivapura Near Anganavadi						
	0-50 Mtrs	1	50				50.00
	50- 100 Mtrs	1	50				50.00
	100-150Mtrs	1	50				50.00
	150-200 Mtrs	1	50				50.00
	200-250 Mtrs	1	50				50.00
	250-300 Mtrs	1	50				50.00
	300-350 Mtrs	1	90				90.00
						Total Legnth	**390.00**
B	Kattigenahalli Chinnappa Layout Near Rajanna House						
	0-50 Mtrs	1	50				50.00
	50- 100 Mtrs	1	50				50.00
	100-150Mtrs	1	50				50.00
	150-200 Mtrs	1	50				50.00
	200-250 Mtrs	1	50				50.00
	250-300 Mtrs	1	50				50.00
	300-350 Mtrs	1	35				35.00
						Total Legnth	**335.00**
C	Dwarakanagara 3rd Main Road						
	0-50 Mtrs	1	50				50.00
	50- 100 Mtrs	1	50				50.00
	100-150Mtrs	1	50				50.00
	150-200 Mtrs	1	50				50.00
	200-250 Mtrs	1	50				50.00
	250-300 Mtrs	1	50				50.00
	300-350 Mtrs	1	41				41.00
						Total Legnth	**341.00**
D	Kattigenahalli Chinnappa Layout Near Munegowda House						

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	0-50 Mtrs	1	50				50.00
	50- 100 Mtrs	1	50				50.00
	100-150Mtrs	1	50				50.00
	150-200 Mtrs	1	50				50.00
	200-250 Mtrs	1	50				50.00
	250-300 Mtrs	1	50				50.00
	300-350 Mtrs	1	65				65.00
						Total Legnth	365.00

Assistant Engineer
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Assistant Executive Engineer
Byatarayanapura Sub Division,

10	Supply of ISI mark 175mm nominal bore,plain and steel casing pipe grade of steel Fe 410 of wall thickness conforming to IS 4270-2001 and latest ammendments, electrical resistance welded steel tubes, material and conforming to IS 1387-1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5-7m both ends.threaded conforming to IS 554-1985 one end fixed with socket conforming to IS 4270-2001 and the other end with screwed pipes all shall be responsibaly free from defects. The tubes shall be responsible straight end should be with ISI marking weighing 25.10kg/m. prices include Collar-Medium duty. (PWD SR 2021-22 Vol-V Page No.154, Item No.32)						
A	Shivapura Near Anganavadi	1	42			Rmtr	42.00
B	Kattigenahalli Chinnappa Layout Near Rajanna House	1	81				81.00
C	Dwarakanagara 3rd Main Road	1	61				61.00
D	Kattigenahalli Chinnappa Layout Near Munegowda House	1	64				64.00
						Actiual Qty	248.00
						Limited to TQ	240.00

Assistant Engineer
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Assistant Executive Engineer
Byatarayanapura Sub Division,

11	PVC pipes of 10 Kg/cm2 for 200mm (PWD SR 2021-22 Vol-V Page No.35, Item No.1188)						
A	Shivapura Near Anganavadi	1	12.00			Mtrs	12.00
B	Kattigenahalli Chinnappa Layout Near Rajanna House	1	11.00				11.00
C	Dwarakanagara 3rd Main Road	1	8.00				8.00
D	Kattigenahalli Chinnappa Layout Near Munegowda House	1	12.00				12.00
						Actiual Qty	43.00
						Limited to TQ	40.00

Assistant Engineer
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Assistant Executive Engineer
Byatarayanapura Sub Division,

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27	Earth work excavation for pipelines/cables by Manual means upto 600 mm trench width, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, including dressing of excavated surfaces, disposing off or leveling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m. Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering and lift upto 1.5 m including cost of labour, tools, usage& other appurtenances required to complete the work. (PWD SR 2021-22 Vol -I Pg No 6 item no 1.6.1)					Cum	
	Shivapura Near Anganavadi	1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	12.00	0.60	0.75		5.40
	Kattigenahalli Chinnappa Layout Near Rajanna House	1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	26.00	0.60	0.75		11.70
	Dwarakanagara 3rd Main Road	1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	26.00	0.60	0.75		11.70
	Existing Borewells						
	Someshwara Layout 1st Cross	1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	14.00	0.60	0.75		6.30
	Someshwara Layout 2nd Cross	1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50
		1	30.00	0.60	0.75		13.50

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		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	26.00	0.60	0.75			11.70
	Someshwara Layout 3rd Cross	1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75			13.50
		1	30.00	0.60	0.75	199.80		13.50
		1	28.00	0.60	0.75			12.60
								761.40

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Assistant Engineer

Assistant Executive Engineer
Byatarayanapura Sub Division,

28	Providing and installing at site of work 6 Kg/m2: 63mm(weight of pipe -0.662 kg) P.V.C. pipes including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour charges and all lift charges, handling charges including encasing the pipe around to a depth not less than 15 cms with gravel or selected earth available from the excavation etc. complete. (PWD SR 2021-22 Vol-V						Mtr	
	Shivapura Near Anganavadi	1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	12.00					12.00
	Kattigenahalli Chinnappa Layout Near Rajanna House	1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	30.00					30.00
		1	26.00					26.00

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	Dwarakanagara 3rd Main Road	1	30.00				30.00
		1	30.00				30.00
		1	26.00				26.00
	Existing Borewells						
	Someshwara Layout 1st Cross	1	30.00				30.00
		1	30.00				30.00
		1	30.00				30.00
		1	30.00				30.00
		1	30.00				30.00
		1	30.00				30.00
		1	30.00				30.00
		1	30.00				30.00
		1	14.00				14.00
	Someshwara Layout 2nd Cross	1	30.00				30.00
		1	30.00				30.00
		1	30.00				30.00
		1	30.00				30.00
		1	30.00				30.00
		1	30.00				30.00
		1	30.00				30.00
		1	30.00				30.00
		1	26.00				26.00
	Someshwara Layout 3rd Cross	1	30.00				30.00
		1	30.00				30.00
		1	30.00				30.00
		1	30.00				30.00
		1	30.00				30.00
		1	30.00				30.00
		1	30.00				30.00
		1	30.00				30.00
		1	28.00				28.00
							1692.00

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Assistant Executive Engineer
Byatarayanapura Sub Division,
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
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Modified HV

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